

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE PATENT  
APPLICATION OF: Louis B. ROSENBERG et al  
SERIAL NO.: 10/538,161  
FILING DATE: June 19, 2006  
ART UNIT: 2629  
EXAMINER: MOON, SEOKYUN  
CONFIRMATION NO.: 3262  
ATTORNEY DOCKET NO.: IMM152D (1103 1940US.3)  
FOR: METHODS AND SYSTEMS FOR PROVIDING A VIRTUAL TOUCH HAPTIC  
EFFECT TO HANDHELD COMMUNICATION DEVICES

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) submit the attached Form SB/08 in accordance with 37 C.F.R. §1.97(i). While Applicant(s) do not consider these documents to be material to the patentability of any claims in the above-identified application and/or are cumulative to references of record, Applicants nonetheless submit them to comply with the spirit of 37 C.F.R. §1.56. Applicant(s) also submit the below referenced patent applications, and refer to prosecution of same throughout prosecution of the present application solely in the spirit of disclosure pursuant to 37 C.F.R. §1.56. Applicant(s) do(es) not waive the confidential nature (if any) of the below-listed patent applications.

**U.S. Patent Application No. 09/487,737 filed January 19, 2000,**

now U.S. Patent No. 6429846, this application

is a Continuation in part of U.S. Patent Application No. 09/467,309 filed December 17, 1999

**U.S. Patent Application No. 10/213,940 filed August 6, 2002,**

now U.S. Patent No. 7148875, this application

is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,

is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998

is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No 10/615,986 filed July 10, 2003,**

now U.S. Patent No. 7728820, this application

is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002

is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,

is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998

is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/340,997 filed January 27, 2006,**

now U.S. Patent No. 7777716, this application

is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002

is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,

is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998

is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/405,811 filed April 17, 2006,**

now U.S. Patent No. 7592999, this application

is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002

is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,

is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999

is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998

is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/414,122 filed April 28, 2006**,  
now U.S. Patent No. 7602384, this application  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999

**U.S. Patent Application No. 11/525,473 filed September 21, 2006**, this application is a  
Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/589,004 filed October 27, 2006**, this application is a  
Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/805,609 filed May 23, 2007**, this application is a  
Continuation of U.S. Patent Application No.10/615,986 filed July 10, 2003  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/805,621 filed May 23, 2007**,  
now U.S. Patent No. 7768504, this application is a  
Continuation of U.S. Patent Application No.10/615,986 filed July 10, 2003  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/981,501 filed October 30, 2007**, this application is a Continuation of U.S. Patent Application No. 11/405,811 filed April 17, 2006  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/985,599 filed November 15, 2007**, this application is a Continuation of U.S. Patent Application No. 11/805,609 filed May 23, 2007  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/985,655 filed November 15, 2007**, this application is a Continuation of U.S. Patent Application No. 11/805,609 filed May 23, 2007  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/985,656 filed November 15, 2007**, this application is a Continuation of U.S. Patent Application No. 11/805,609 filed May 23, 2007  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 11/985,657 filed November 15, 2007**  
this application is a Continuation of U.S. Patent Application No. 11/805,609  
is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002  
is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000,  
is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999  
is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998  
is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 12/008,916 filed January 14, 2008**, this application is a Continuation of U.S. Patent Application No. 11/405,811 filed April 17, 2006 is a Continuation of U.S. Patent Application No. 10/213,940 filed August 6, 2002 is a Continuation of U.S. Patent Application No. 09/487,737 filed January 19, 2000, is a Continuation-in-part of U.S. Patent Application No. 09/467,309 filed December 17, 1999 is a Continuation-in-part of U.S. Patent Application No. 09/253,132 filed February 18, 1999 is a Continuation-in-part of U.S. Patent Application No. 09/156,802 filed September 17, 1998 is a Continuation-in-part of U.S. Patent Application No. 09/103,281 filed June 23, 1998

**U.S. Patent Application No. 09/917,263 filed July 26, 2001**, now U.S. Patent No. 6822635, this application Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 10/919,648 filed August 17, 2004**, now U.S. Patent No. 7450110, this application is a Division of U.S. Patent Application No. 09/917,263 filed July 26, 2001 Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 10/919,798 filed August 17, 2004**, now U.S. Patent No. 7,548,232, this application is a Continuation of U.S. Patent Application No. 09/917,263 filed July 26, 2001 Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 11/981,041 filed October 30, 2007**, this application is a Continuation of U.S. Patent Application No. 10/919,798 filed August 17, 2004 is a Continuation of U.S. Patent Application No. 09/917,263 filed July 26, 2001 Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 11/981,220 filed October 30, 2007**, this application is a Continuation of U.S. Patent Application No. 10/919,798 filed August 17, 2004 is a Continuation of U.S. Patent Application No. 09/917,263 filed July 26, 2001 Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 11/981,221 filed October 30, 2007**, this application is a Continuation of U.S. Patent Application No. 10/919,798 filed August 17, 2004 is a Continuation of U.S. Patent Application No. 09/917,263 filed July 26, 2001 Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 11/981,252 filed October 30, 2007**, this application is a Continuation of U.S. Patent Application No. 10/919,798 filed August 17, 2004 is a Continuation of U.S. Patent Application No. 09/917,263 filed July 26, 2001 Claims Priority from U.S. Provisional Patent Application No. 60/274,444 filed March 9, 2001 is a Continuation-in-Part of U.S. Patent Application No. 09/487,737 filed January 19, 2000

**U.S. Patent Application No. 10/538,160 filed March 20, 2007**, this application is a National Stage Entry of International Application No. PCT/US03/38899 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 10/538,162 filed June 13, 2006**, now U.S. Patent No. 7779166, this application is a National Stage Entry of International Application No. PCT/US03/38868 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 10/538,163 filed June 2, 2006** this application is a National Stage Entry of International Application No. PCT/US03/38900 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 10/538,164 filed March 18, 2008**, this application is a National Stage Entry of International Application No. PCT/US03/38961 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 11/226,057 filed September 13, 2005**, this application is a Continuation-in-part of U.S. Patent Application No. 10/538,160 filed March 20, 2007 is a National Stage Entry of International Application No. PCT/US03/38899 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 11/226,893 filed September 13, 2005**, this application is a Continuation-in-part of U.S. Patent Application No. 10/538,160 filed March 20, 2007 is a National Stage Entry of International Application No. PCT/US03/38899 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 11/226,910 filed September 13, 2005**, this application is a Continuation-in-part of U.S. Patent Application No. 10/538,160 filed March 20, 2007 is a National Stage Entry of International Application No. PCT/US03/38899 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

**U.S. Patent Application No. 11/226,915 filed September 13, 2005**, this application is a Continuation-in-part of U.S. Patent Application No. 10/538,160 filed March 20, 2007 is a National Stage Entry of International Application No. PCT/US03/38899 filed December 8, 2003 Claims Priority from U.S. Provisional Patent Application No. 60/431,662 filed December 8, 2002

It is not believed that any fees are necessary for submission of this Information Disclosure Statement. However, if any fees are required, they are hereby authorized to be charged to Deposit Account No. 09-0528, Reference No. 54446.0285.8.

Respectfully submitted,  
WOMBLE CARLYLE SANDRIDGE & RICE PLLC

/s/Hean L. Koo/  
By \_\_\_\_\_  
Hean L. KOO  
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Date: February 18, 2011

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